

ABSTRACT OF THE DISCLOSURE

A security alarm device of the present invention detects change of indoor pressure and converts the change to electric signals (more particularly, voltage signals) with a variety of frequencies by using a sensor unit installed therein, 5 particularly sensing a low frequency that is generated when the door opens among other converted electric signals. Then, when the electric signals corresponding to the low frequency turned out to be caused by intrusion of the object from the outside, the device immediately sound an alarm to notify the intrusion to a user in a remote place. According to the security alarm device and the method thereof, the 10 intrusion of the object from the outside is sensed as the electric signals of the low frequency, and notifies the intrusion to the user to alarm the security.

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